

Control Number: 50594



Item Number: 53

Addendum StartPage: 0



Public Utility Commission of Texas

Five-Year Report

Required by 16 Texas Admin. Code § 25.97(e)



PROJECT NO. 50594

AFFECTED ENTITY: LCRA Transmission Services Corporation

General Information

Pursuant to 16 Texas Admin. Code § 25.97(e)(1), not later than May 1 every five years, each affected entity that owns or operates overhead transmission facilities greater than 60 kilovolts must submit this report. The first report must be submitted not later than May 1, 2020.

Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
Telephone: (512) 936-7180

53

1. Historical five-year reporting period: 01/01/15 - 12/31/19

What percentage of overhead transmission facilities greater than 60 kilovolts did you inspect for compliance with the National Electric Safety Code (NESC) relating to vertical clearance in the historical five-year reporting period?

During the historical five-year reporting period, January 1, 2015 through December 31, 2019, LCRA Transmission Services Corporation (LCRA TSC) inspected 100 percent of its nearly 4,500 miles of overhead transmission facilities greater than 60-kilovolts (kV). LCRA TSC inspects its transmission facilities operating at 345-kV annually, and all other transmission facilities at least every two years. These inspections are performed through on-the-ground patrols or aerial means and include visual inspections for line clearances.

In addition, during the historical five-year reporting period LCRA TSC further analyzed approximately 28 percent of its overhead transmission line circuit miles operated at greater than 60-kV for compliance with the NESC relating to vertical clearance through Light Detection and Ranging (LiDAR) verification methods.

2. Future five-year reporting period: 01/01/20 - 12/31/24

What percentage of overhead transmission facilities greater than 60 kilovolts do you anticipate you will inspect for compliance with the NESC relating to vertical clearance during the future five-year reporting period beginning on January 1 of the year in which this report is submitted?

During the future five-year reporting period January 1, 2020 through December 31, 2024, LCRA TSC will continue to implement its standard practice of inspecting 100 percent of its overhead transmission facilities greater than 60-kV, on either annual or two-year cycles, depending on the voltage, as described in the response to part 1 above.

For the future five-year reporting period, LCRA TSC plans to further analyze an additional 33 percent of its overhead transmission line circuit miles operated at greater than 60-kV for compliance with the NESC relating to vertical clearance through LiDAR verification methods.



Public Utility Commission of Texas

Five-Year Report

Required by 16 Texas Admin. Code § 25.97(e)

PROJECT NO. 50594

AFFECTED ENTITY: LCRA Transmission Services Corporation

General Information

Pursuant to 16 Texas Admin. Code § 25.97(e)(1), not later than May 1 every five years, each affected entity that owns or operates overhead transmission facilities greater than 60 kilovolts must submit this report. The first report must be submitted not later than May 1, 2020.

Instructions

Answer all questions, fill-in all blanks, and have the report notarized in the Affidavit.

Affidavit

A representative of the affected entity must swear to and affirm the truthfulness, correctness, and completeness of the information provided by attaching a signed and notarized copy of the Affidavit provided with this form.

Filing Instructions

Submit four copies (an original and three copies) of the completed form and signed and notarized Affidavit to:

Central Records Filing Clerk
Public Utility Commission of Texas
1701 N. Congress Avenue
P.O. Box 13326
Austin, Texas 78711-3326
Telephone: (512) 936-7180

1. Historical five-year reporting period: 01/01/15 - 12/31/19

What percentage of overhead transmission facilities greater than 60 kilovolts did you inspect for compliance with the National Electric Safety Code (NESC) relating to vertical clearance in the historical five-year reporting period?

During the historical five-year reporting period, January 1, 2015 through December 31, 2019, LCRA Transmission Services Corporation (LCRA TSC) inspected 100 percent of its nearly 4,500 miles of overhead transmission facilities greater than 60-kilovolts (kV). LCRA TSC inspects its transmission facilities operating at 345-kV annually, and all other transmission facilities at least every two years. These inspections are performed through on-the-ground patrols or aerial means and include visual inspections for line clearances.

In addition, during the historical five-year reporting period LCRA TSC further analyzed approximately 28 percent of its overhead transmission line circuit miles operated at greater than 60-kV for compliance with the NESC relating to vertical clearance through Light Detection and Ranging (LiDAR) verification methods.

2. Future five-year reporting period: 01/01/20 - 12/31/24

What percentage of overhead transmission facilities greater than 60 kilovolts do you anticipate you will inspect for compliance with the NESC relating to vertical clearance during the future five-year reporting period beginning on January 1 of the year in which this report is submitted?

During the future five-year reporting period January 1, 2020 through December 31, 2024, LCRA TSC will continue to implement its standard practice of inspecting 100 percent of its overhead transmission facilities greater than 60-kV, on either annual or two-year cycles, depending on the voltage, as described in the response to part 1 above.

For the future five-year reporting period, LCRA TSC plans to further analyze an additional 33 percent of its overhead transmission line circuit miles operated at greater than 60-kV for compliance with the NESC relating to vertical clearance through LiDAR verification methods.

Affected Entity: LCRA Transmission Services Corporation

PROJECT NO. 50594

AFFIDAVIT

I swear or affirm that I have personal knowledge of the facts stated in this report or am relying on people with personal knowledge, that I am competent to testify to them, and that I have the authority to submit this report on behalf of the affected entity. I further swear or affirm that all statements made in this report are true, correct, and complete.



Signature

Sergio Garza

Printed Name

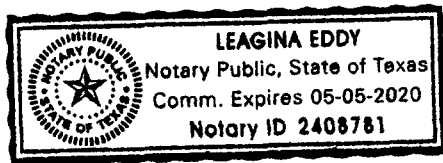
LCRA V.P., Transmission Design and Protection

Job Title

LCRA Transmission Services Corporation

Name of Affected Entity

Sworn and subscribed before me this 28th day of April, 2020.
Month Year



Notary Public in and For the State of Texas

My commission expires on 05-05-2020